THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: CELI, et al.   Confirmation No.: 4880

Serial No.:   10/003,790

Group: 2642

Examiner: Nguyen, Quynh H.

Date Filed: November 15, 2001

Docket No.:   BOC9-2001-0043 (290)

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DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Joseph Celi, Jr., a citizen of the United States, residing in Boca Raton, Florida, hereby declare and state as follows:

1.   I was employed by International Business Machines Corporation (IBM) at the time the above-identified application was conceived. I make this declaration in support the above-identified application.

2.   IBM had invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).

3.   As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2001-0068 pursuant to IBM guidelines.

4.   IBM Confidential Invention Disclosure BOC8-2001-0068 was originally submitted for consideration to an IBM Attorney / Patent Professional for preparation of a patent application on August 3, 2001. The content of the disclosure has not been subsequently modified. The disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the disclosure in light of the invention disclosure and art known at the time of the disclosure.

Declaration Under 37 C.F.R. §1.131
U.S. Patent Appln. No. 10/003,790
Docket No. BOC9-2001-0043 (290)

5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventor and I conceived of the present invention at least as early as August 3, 2001, and exercised due diligence from prior to August 3, 2001 through November 15, 2001, the filing date for the above-identified patent application.
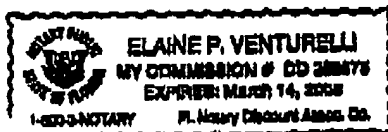
7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.

JOSEPH CELI, JR.

Date: 3/2/06

STATE OF FLORIDA)
) SS:
COUNTY OF PALM BEACH)

The foregoing instrument was sworn to and subscribed before me this 2 day of MARCH, 2006, by JOSEPH CELI, JR., who is personally known to me or who has produced _____ (type of identification) as identification.

NOTARY PUBLIC, STATE OF FLORIDA
Elaine P. Venturelli
(Print, Type or Stamp Commissioned Name of Notary Public)

ELAINE P. VENTURELLI
MY COMMISSION # DD 388873
EXPIRES: March 14, 2008
1-800-3-NOTARY   Fl. Notary Discount Assoc. Co.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of CELI, et al.   Confirmation No.: 4880

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DECLARATION UNDER 37 C.F.R. § 1.131

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

  I, Peeyush Jaiswal, a citizen of the United States, residing in Boca Raton, Florida, hereby declare and state as follows:

  1. I was employed by International Business Machines Corporation (IBM) at the time the above-identified application was conceived. I make this declaration in support the above-identified application.

  2. IBM had invested substantial time and effort into the research, development, and marketing of their products, and in an effort to protect its rights in all new inventions, IBM requests that all employees prepare and submit confidential Invention Disclosure Forms upon conception by the inventor(s).

  3. As a named co-inventor for this invention, I and my co-inventors prepared and submitted the attached Invention Disclosure No. BOC8-2001-0068 pursuant to IBM guidelines.

  4. IBM Confidential Invention Disclosure BOC8-2001-0068 was originally submitted for consideration to an IBM Attorney / Patent Professional for preparation of a patent application on August 3, 2001. The content of the disclosure has not been subsequently modified. The disclosure represents a fully conceived and workable invention as written. I reviewed the claims of the above-mentioned patent application prior to submission of the application to assure the claimed invention was fully supported by the disclosure in light of the invention disclosure and art known at the time of the disclosure.

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Declaration Under 37 C.F.R. §1.131
U.S. Patent Appln. No. 10/003,790
Docket No. BOC9-2001-0043 (290)

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5. I diligently worked with outside counsel to prepare and file the above-mentioned patent application.

6. I make this Declaration to establish that my co-inventor and I conceived of the present invention at least as early as August 3, 2001, and exercised due diligence from prior to August 3, 2001 through November 15, 2001, the filing date for the above-identified patent application.
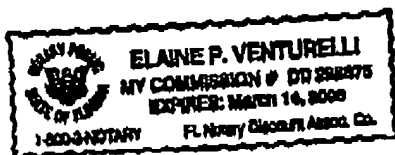
7. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the above-identified patent application or any patent issuing thereon.

PEEYUSH JAISWAL

Date: _March, 2nd, 2006_

STATE OF FLORIDA   )
) ss:
COUNTY OF PALM BEACH   )

The foregoing instrument was sworn to and subscribed before me this _2_ day of _March_, 2006, by PEEYUSH JAISWAL, who is (personally known) to me or who has produced _____ (type of identification) as identification.

NOTARY PUBLIC, STATE OF FLORIDA

(Print, Type or Stamp Commissioned Name of Notary Public)

ELAINE P. VENTURELLI
MY COMMISSION # DD 288475
EXPIRES: March 14, 2009
1-800-3-NOTARY   FL Notary Discount Assoc. Co.

Disclosure BOC8-2001-0068
Prepared for and/or by an IBM Attorney - IBM Confidential

Created By: Joe Celi **Created On:** 08/03/2001 10:24:28 AM
Last Modified By: Joe Celi **Last Modified On:** 08/03/2001 04:51:20 PM

Required fields are marked with the asterisk (*) and must be filled in to complete the form .

*Title of disclosure (in English)
Method that allows a caller to enter a VoiceXML application session that is already in progress. [For eBusiness improvement]

Summary

Status	Sent for Search/Awaiting Results
Processing Location	███
Functional Area	████████
Attorney/Patent Professional	Richard Tomlin/Boca Raton/IBM
IDT Team	████████
Submitted Date	08/03/2001 04:03:11 PM EDT
Owning Division	██

Inventors
Inventors: Joe Celi/Fort Lauderdale/IBM, Peeyush Jaiswal/Fort Lauderdale/IBM, Vic Moore/Fort Lauderdale/IBM

Inventor Name	Inventor Serial	Div/Dept	Inventor Phone	Manager Name
Celi Jr, Joseph				
Jaiswal, Peeyush				
Moore, Victor S.				

> denotes primary contact

Inventors ███████

IDT Selection
Select Functional Area

IDT Team:	Attorney/Patent Professional:
████████	Richard Tomlin/Boca Raton/IBM

BOC8-2001-0068 Method that allow... a caller to enter a VoiceXML application session that is already in progress. (For eBusiness - continued

*Main Idea
1. Describe your invention, stating the problem solved (if appropriate), and indicating the advantages of using the invention.
The WebSphere Voice Server (WVS) product is an application server that supports the VoiceXML programming environment. VoiceXML is an industry standard programming language. Its goal is to provide programmers with a non-proprietary language that will allow them to create speech driven applications. The VoiceXML language was also designed to integrate with existing WWW technologies for data access.

The current WVS product does not allow a caller to call into a currently active VoiceXML session. This feature has many possible uses. One example, would be to let a supervisor listen in to a current application session.

This invention describes a method that will allow a caller to enter a currently executing VoiceXML application session.

2. How does the invention solve the problem or achieve an advantage,(a description of "the invention", including figures inline as appropriate)?
This invention solves the problem stated above by introducing a new concept into the current WVS product. Basically, a voice browser application is flagged for this special mode of operation. This is accomplished by adding a special parameter to the telephony and media (TM) properties for the voice browser session.
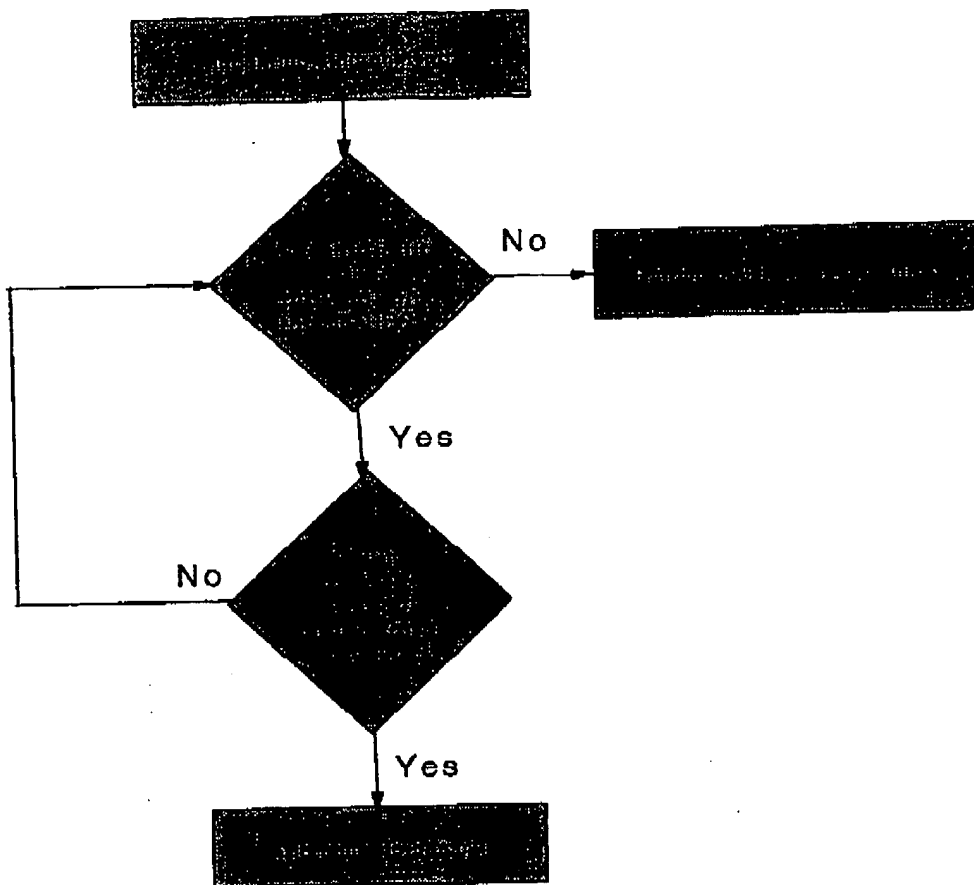
In the WVS product, the TM subsystem routes calls to available voice browsers based on the Dialed Number Identification Service (DNIS) dialed by the caller. When a subsequent call is received by the TM subsystem, it now looks to see if there is a voice browser session already in progress, that is accepting calls on this DNIS. If there is a currently active voice browser session for that DNIS and that voice browser session has been configured to accept multiple simultaneous calls, the TM subsystem will route the call to the active browser. In this special case, of multiple simultaneous callers, the TM subsystem must perform additional management of the audio streams.

The TM subsystem will
1.) audio from the voice browser to the caller is sent to all end users
2.) audio from all end users is coalesced into a single stream that is then directed to the appropriate voice browser application.

The flowchart describing the above implementation is displayed below

BOC8-2001-0068 Method that allows a caller to enter a VoiceXML application session that is already in progress. [For eBusiness - continued

3. If the same advantage or problem has been identified by others (inside/outside IBM), how have those others solved it and does your solution differ and why is it better?

4. If the invention is implemented in a product or prototype, include technical details, purpose, disclosure details to others and the date of that implementation.

•Critical Questions (Questions 1-9 must be answered in English)

•Question 1

•Question 2

○ Yes
● No

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BOC8-2001-0068 Method that allows a caller to enter a VoiceXML application session that is already in progress. [For eBusiness - continued

○ Yes
● No

*Question 3

○ Yes
● No

○ Yes
● No

*Question 4

○ Yes
● No

*Question 5

○ Yes
● No

*Question 6

○ Yes
● No
○ Not sure

*Question 7

○ Yes
● No
○ Not Sure

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BOC8-2001-0068 Method that allows a caller to enter a VoiceXML application session that is already in progress. (For eBusiness - continued

*Question 8

○ Yes
● No

*Question 9

○ Yes
● No

Question 10

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Question 11

☐ Date sent: 08/03/2001

(Form Revised 12/17/97)

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PAGE 23/23 * RCVD AT 3/21/2006 5:38:27 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-5/17 * DNIS:2738300 * CSID:5616596313 * DURATION (mm-ss):06-58

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